# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Friday 12 Jan 2024 until 23:59 on Saturday 13 Jan 2024

Forecast Issued on Thursday 11 Jan 2024 at 10:40

**Confidence:** High confidence for generally settled conditions, if rather cloudy, and turning much colder at the start of next week. Moderate confidence in cloud detail.

**Headline for Friday 12 Jan 2024:** Patchy cloud and sunny spells on Friday, staying dry.

**Mountain weather hazards on Friday 12 Jan 2024**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Medium Likelihood

**Poor visibility**
Low Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Partly cloudy (night) | Partly cloudy (night) | Partly cloudy (night) | Sunny intervals | Sunny intervals | Sunny intervals | Partly cloudy (night) | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 10% | <05% | <05% | <05% | <05% | <05% | <05% | <05% |

**Forecast for Friday 12 Jan 2024**

**Weather:** There will be patchy low cloud around throughout the day on Friday with clear or sunny spells, best of these in the south and west, where we may see prolonged sunshine.

**Chance of cloud-free hill tops above 800m:** 40%

**Low cloud and visibility:** Scattered or broken cloud base 500-700m throughout the day. Visibility poor in hill fog otherwise good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Met Office Mountain Weather Forecast

**Forecast for Friday 12 Jan 2024**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 12/15 NE | 6/8 NE | 7/9 NE | 6/8 W | 6/8 SW | 6/9 W | 8/11 W | 11/16 NW | 16/21 NW |
| **600** | 12/18 NE | 6/8 NE | 5/7 NE | 5/7 W | 6/8 SW | 6/8 W | 7/10 W | 12/19 NW | 11/18 W |
| **300** | 7/15 NE | 4/8 NE | 3/7 NE | 1/3 S | 2/5 SW | 3/7 W | 4/8 NW | 6/15 NW | 6/16 NW |
| **Valley** | 10/16 NE | 4/7 NE | 4/7 NE | 2/4 NW | 2/5 W | 4/7 W | 3/7 NW | 5/13 NW | 5/13 NW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 2/-3 | 0/-3 | 0/-3 | -0/-4 | -2/-5 | -2/-6 | -2/-6 | -2/-8 | -2/-9 |
| **600** | -0/-5 | 0/-3 | -0/-3 | -0/-3 | -1/-4 | -1/-4 | -2/-6 | -2/-7 | -1/-6 |
| **300** | 1/-2 | 0/-2 | 0/-2 | -0/-2 | 2/0 | 1/-0 | -1/-3 | 0/-3 | 1/-2 |
| **Valley** | 4/-0 | 2/0 | 2/0 | 1/-0 | 3/2 | 4/2 | 2/1 | 3/0 | 3/1 |
| **Freezing Level*** | 500m | 500m | 400m | 400m | 400m | 400m | 300m | 400m | 400m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling cold, be prepared with appropriate layers.

**Forecast for Saturday 13 Jan 2024**

**Weather:** Cloudy through the early hours of Saturday with some valley fog. Patchy light rain pushing southwards Saturday morning and into the early part of the afternoon but largely clear skies behind from mid-afternoon. Some high cloud around into the evening.

**Maximum wind:** West or northwesterly 10-15 mph

**Chance of cloud-free hill tops above 800m:** 30%, reducing 10% on rain band, improving to 80% from mid-afternoon.

**Low cloud and visibility:** Scattered or broken cloud base 500-700m, lowering to 300-400m for a time in rain late morning/early afternoon, clearing mid-afternoon. Visibility poor in hill fog, moderate in rain, otherwise good.

**Temperature:** **Valleys:** Plus 2 rising to plus 6 Celsius
**At 800m:** Minus 1 rising to plus 2 Celsius
**Freezing level:** 600-800m, temporarily lifting 1200-1400m on rain band.

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# Mountain Weather Forecast

**Ground Conditions Supplement**

Date: Thursday 11 January 2024. Location: Halls Fell Top (Blencathra) summit at 11:11. Full report: A cloudy and cool day (although slightly milder compared to the previous couple of days). Some of the frozen ground at mid-elevations is now beginning to thaw out, however, it remains reasonably well frozen above 700-800m. Above 800m, rime ice, verglas (black ice), and a very thin cover of snow are all present. Sharp edge was very slippery today (with verglas present in its upper reaches). This and similar steep and exposed routes in the region are serious undertakings at the moment and should only be attempted by confident and competent people. Patches of old, compacted, and icy snow are also present on and around Helvellyn, notably on the exits to both Striding and Swirral edges. An ice axe and crampons/microspikes are advisable. Small (potentially fragile) cornices are also present around corrie rims and should be given a wide berth. The windchill (feels-like) temperature has been around -10 C on the higher tops over the last few days. Full winter clothing (waterproofs, extra warm layers, hat and gloves), and equipment including a headtorch, map, and compass are all essential. Temperature: minus 0.8 C, Maximum wind speed 22.2 mph, Wind chill: minus 9.0 C, Average wind speed: 10.6 mph

Issued at: 1740 on Thu 11 Jan 2024


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